

Converting Colors

Hex(9DE0D2)

Have a look what the booklet for
Hex(9DE0D2) contains.

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Color

Hex(9DE0D2)

Conversions

Conversions Part 1

Format	Color
Hex	9DE0D2
RGB	157, 224, 210
RGB Percent	62%, 88%, 82%
CMY	0.3843, 0.1216, 0.1765
CMYK	0.30, 0.00, 0.06, 0.12
HSL	167°, 52%, 75%
HSV	167°, 30%, 88%
XYZ	52.1931, 65.1326, 70.7937
YIQ	202.3710, -35.4380, -18.5580

Conversions

Conversions Part 2

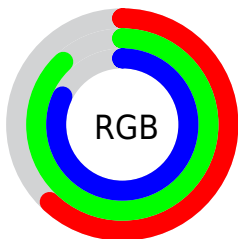
Format	Color
RYB	157, 194, 224
Decimal	10346706
CIELab	84.55, -23.97, 0.10
CIELCh	85, 23.970, 179.757
Yxy	65.1326, 0.2774, 0.3462
Android (android.graphics.Color)	4288536786 (0xFF9DE0D2)
YUV	202.3710, 3.7611, -39.7904
Hunter-Lab	80.7047, -25.7943, 4.4845

Details

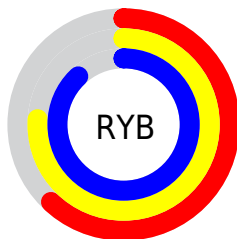
The Hex color **9DE0D2** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E09DAB**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **D5FFFF**, and **67A99C** is the 20% darker color. If you saturate the color by 10%, you get **87E0CD**, and if you desaturate by 10%, it is **B3E0D7**.

Distribution



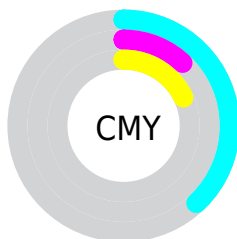
- Red (62%)
- Green (88%)
- Blue (82%)



- Red (62%)
- Yellow (76%)
- Blue (88%)



- Cyan (30%)
- Magenta (0%)
- Yellow (6%)
- Black (12%)



- Cyan (38%)
- Magenta (12%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DE0D2 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 9DE0D2 by changing the saturation by 10% instead.

 9DE0D2

 9DE0D2

FFFFFF

 82C4B6


 D5FFFF

 67A99C

 F2FFFF

 4D8E82

 337469

 155B50

 00433A

 002D24

 00190F

 000000

 9DE0D2

 9DE0D2

 87E0CD

 B3E0D7

 70E0C9

 CAE0DB

 5AE0C4

 E0E0E0

 43E0BF

 F7E0E5

 2DE0BB

 FFE0E9

 17E0B6

 FFE0EE

 00E0B1

 FFE0F3

 FFE0F7

 FFE0FC

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B2DEBC



9DE0D2



94DFE9

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



9DE0D2



D7CDFA



F8CAAD

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



9DE0D2



E09DAB

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC4BE



9DE0D2



F0C6EA

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



9DE0D2



B8D5FF



FFC3D4



E5D1A6

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



9DE0D2



99DDF5



FFC3D4



FCC8B1

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



9DE0D2



E8FFFA



ACE09D



71807D



000000



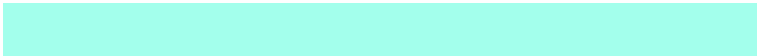
808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



9DE0D2



A3FFEC



9DCDE0



65706E



00B08B



003026

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E09DAB



FFA3B6



E0B09D



706567



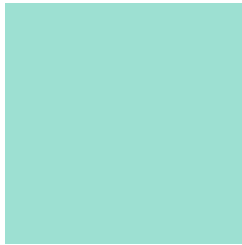
B00025



30000A

Previews

White Background



This preview shows how the Hex color 9DE0D2 looks on a white background.

Color Contrast Check

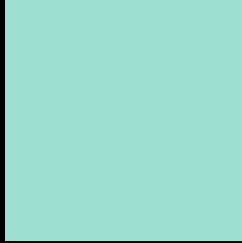
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 9DE0D2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

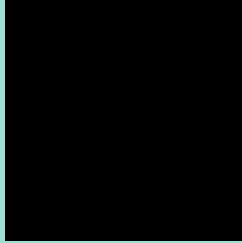
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

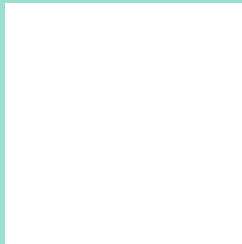
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 9DE0D2 Background



This preview shows how black text looks on a background with the Hex color 9DE0D2.

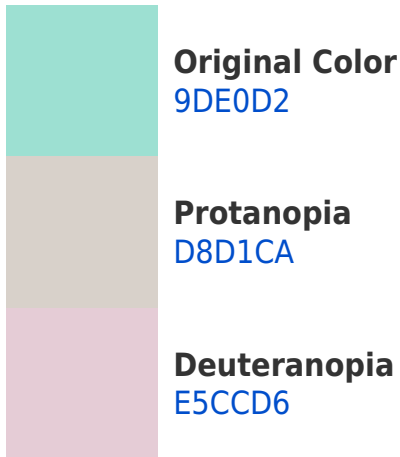


This preview shows how white text looks on a background with the Hex color 9DE0D2.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

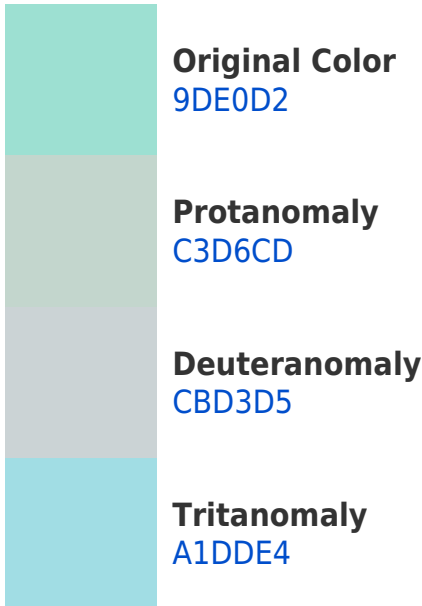
Dichromacy



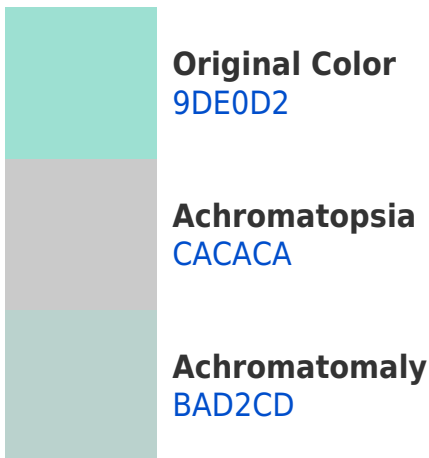


Tritanopia
A3DCEE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DE0D2 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #9DE0D2 looks like.

```
.text, #text, p{  
  color:#9DE0D2  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #9DE0D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DE0D2
}
```

Border

The CSS property to change the border of an element to Hex 9DE0D2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9DE0D2 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#9DE0D2 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #9DE0D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DE0D2; -webkit-box-shadow:4px 4px  
4px 4px #9DE0D2; box-shadow:4px 4px 4px  
4px #9DE0D2 }
```

Background

The CSS property to change the background color of an element to Hex 9DE0D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DE0D2 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#9DE0D2 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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